



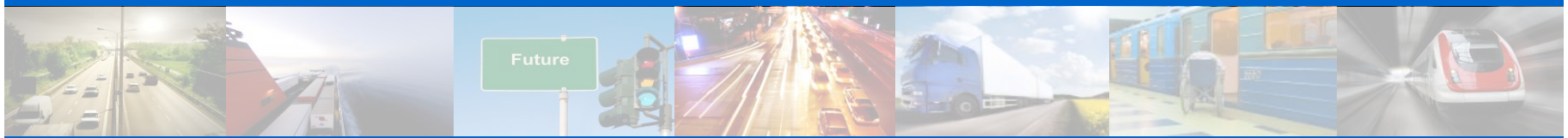
Intelligent Transport Systems (ITS) - beyond just being technology

Filling the gaps in ITS

Dörte Schramm

ITU-R WP5A-5-2 meeting

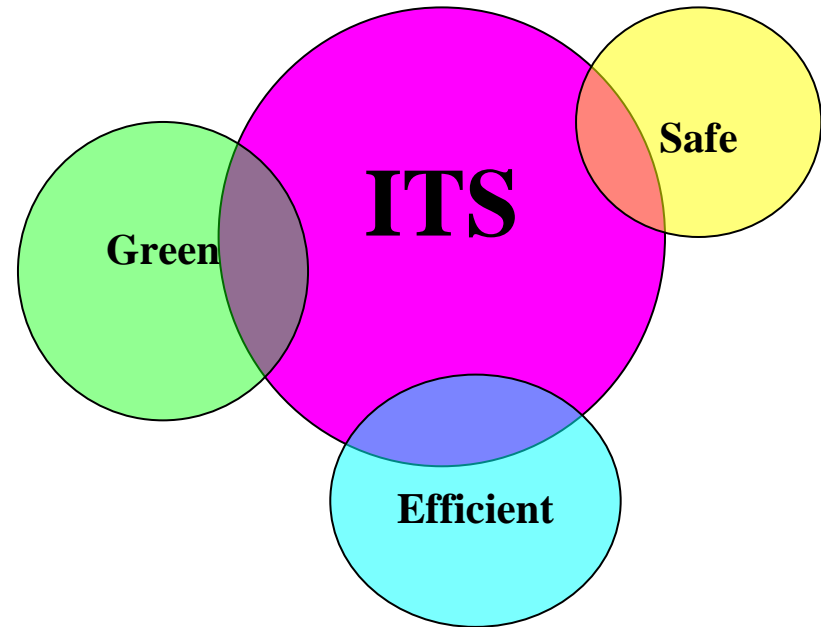
Geneva, 14 June 2011





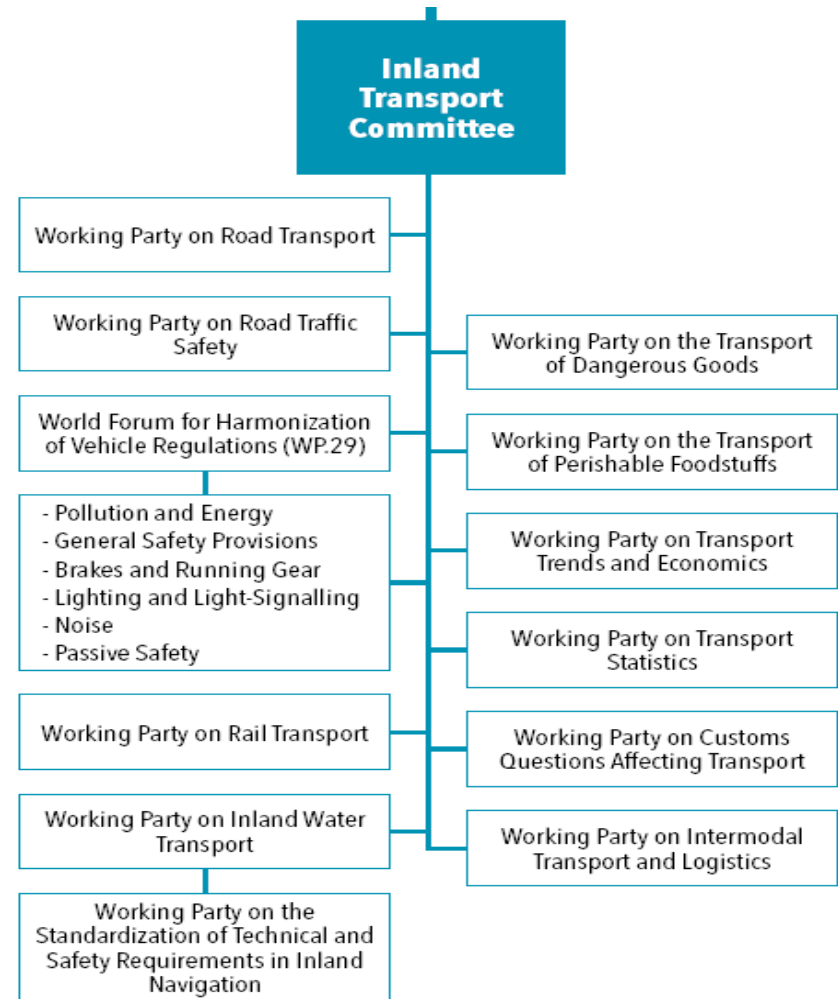
Why, what and how UNECE can work on ITS?

- What is UNECE
- So far achievements in ITS
- Current and future steps
- Know - share - act





- UN Regional Commission
- 57 countries
- Inland Transport Committee
- Working Parties with global outreach
- UNECE is the Centre of International Transport Agreements
- Where governments make decisions





Road Signs and Signals, 1949

Road Signs and Signals, 1968

Why UNECE can address ITS?

- Infrastructure agr'ts, planning

- Traffic rules

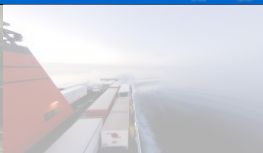
- Vehicle regulations

Road Traffic, 1949

Road Traffic, 1968

Road Traffic, 1949

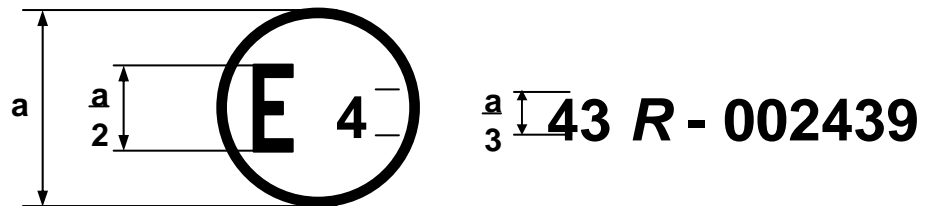
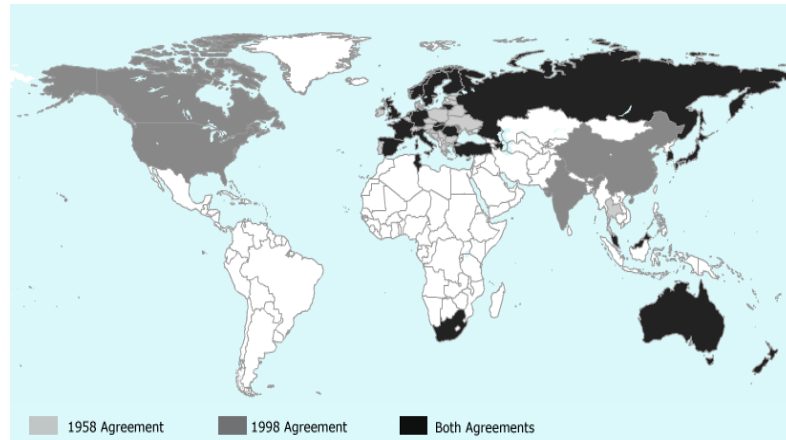
Road Traffic, 1968





Contracting parties to the 1958 and/or the 1998 « Vehicle » Agreements

- The World Forum (WP.29)
- Global outreach
- Type approval of parts (present), of vehicles (future)





Revolutionary innovations supported by UNECE WP.29 regulations

- Electronic Stability Control Systems
- ABS
- Cruise Control
- On Board Diagnostic
- Adaptive Front-Lighting Systems
- Airbags
- Automatically commanded braking
- Cornering lamps
- Brake assist systems (BAS)
- Lane Departure Warning system (LDW)





Working Parties work already on ITS

- Variable message signs
- Who is in control of the vehicle
- Liability remains a problem
- WP.29 Informal Working Group on ITS





UNECE Research and Strategy

Research findings

- ITS is under-utilized
- Resistance to societal changes
- Lack of common definition
- Lack of Infrastructure
- Lack of Harmonization

The way forward - UNECE Strategy Package for ITS

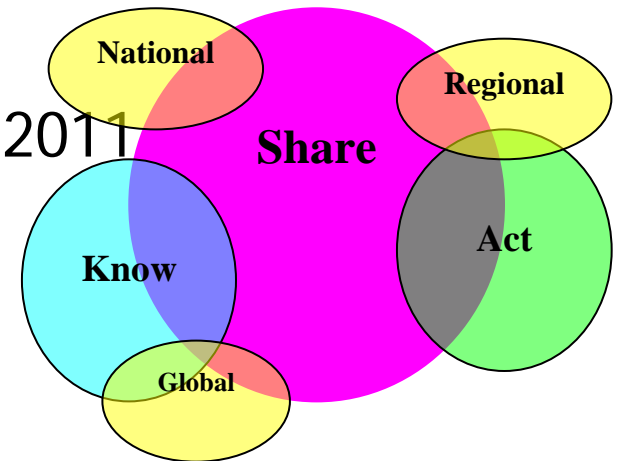
- ✓ Background paper
- ✓ Strategic note
- ✓ Road Map





Strategic note - public consultation

- Public consultation on ITS
- http://unece.org/trans/events/2011/Public_Consultation.html
- Evaluation and assessment
- UNECE Road Map on ITS





The possible Road Map

- Annual UNECE Roundtable on main ITS issues
- Capacity building workshops
- Working Party related tasks:
 - Vehicle to infrastructure communication
 - Vehicle to vehicle communication
 - Liability concerns (1968 Vienna Convention)
 - Variable Message Signs
 - International ITS architecture
- Overcome lack of harmonized policies





International cooperation

- Support ITU-ISO partnership on ITS
- Share the goal to further deploy ITS globally
- UNECE - ITU cooperation
- Open invitation to all our meetings

